Docket No.: 50212-524 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Schiaki OKUNO Customer Number: 20277

Confirmation Number: 7692

Serial No.: 10/639,587 Group Art Unit: 2872

Filed: August 13, 2003 Examiner: Unknown

OPTICAL TRANSMISSION SYSTEM For:

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Each non-English language reference was first cited in a corresponding foreign application search report or office action and its relevance discussed therein. A copy of the 10/639,587

foreign search report or office action, together with an English language version thereof, is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

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Arthur J. Steiner

Registration No. 26,106

600 13th Street, N.W.

Washington, DC 20005-3096

(202) 756-8000 AJS:tlb Facsimile: (202) 756-8087

Date: December 23, 2003

INFORMATION DISCLOSURE CITATION IN AN APPLICATION									SERIAL NO. 10/639,587		
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(PTO-1449)						FILING DATE GRO August 13, 2003 287			ROUP 872		
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EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ₂ (# known)		Publication Da MM-DD-YYY		Name of Patentee or Applicant of Cited Document			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	†	US 6,430,347 B1		08/06/2002	2	Cain et al.					
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	ļ	ED 4 070 004 44		04/04/0004		LUCENT TECHNOLOGIES			Yes	No	
			EP 1 073 221 A1	01/31/2001		UCENT TECHNOLOGIES INC.			X		
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.